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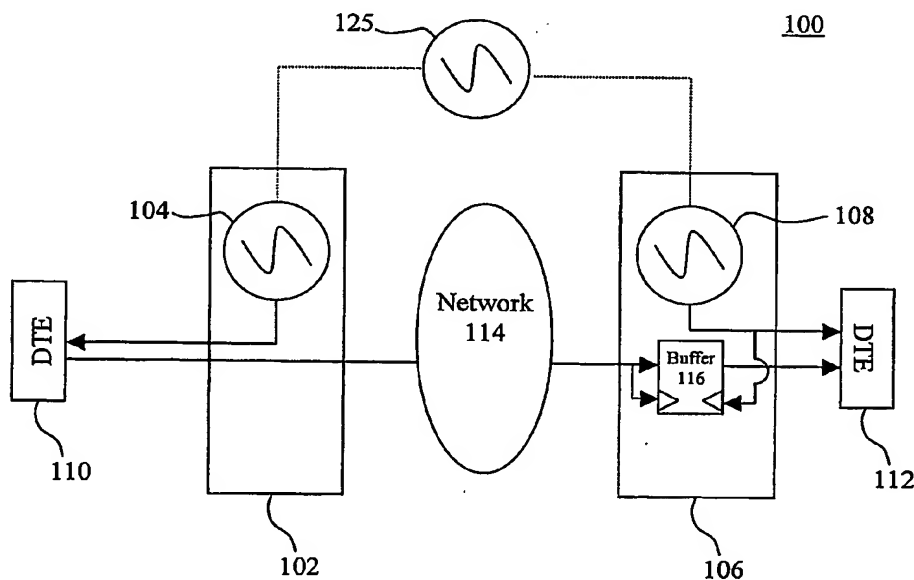
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- (71) Applicant (for all designated States except US): **ACORN PACKET SOLUTIONS, LLC** [US/US]; 2010 Corporate Ridge, Suite 700, McLean, VA 22102 (US).
- (72) Inventor; and
(75) Inventor/Applicant (for US only): **SKERRITT, Michael** [US/US]; Acorn Packet Solutions, LLC, 2010 Corporate Ridge, Suite 700, McLean, VA 22102 (US).
- (74) Agents: **SHAPIRO, Mitchell, W.** et al.; Miles & Stockbridge P.C., 1751 Pinnacle Drive, Suite 500, McLean, VA 22102 (US).
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(54) Title: SYSTEM AND METHOD FOR BUFFER MANAGEMENT IN A PACKET-BASED NETWORK



(57) Abstract: A communication system for use with a packet-based network is disclosed. A first node is configured to transmit circuit data in data packets across the network. A second node is configured to receive the data packets from the network and serialize the synchronous data. The second node comprises a configurable buffer, the buffer being configurable to adjust to network packet delay variance through analysis of packet delay variance as measured over at least one period of time.